

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2005/000869

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 D04B1/10

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 D04B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 3 035 427 A (CHIODINE SAMUEL F) 22 May 1962 (1962-05-22) column 2, line 33 - column 3, line 19; claim 14; figure 2	1,3,9,11
Y	column 3, line 75 - column 4, line 2	4
Y	US 3 137 150 A (MISHCON LESTER) 16 June 1964 (1964-06-16) column 3, lines 66-72; figure 7	4
X	WO 02/04727 A (EDELWEISS MANUFACTURING CO., INC) 17 January 2002 (2002-01-17) page 8, line 21 - page 16, line 10; claim 1; figure 10	1,2,9-11
X	US 1 852 936 A (NEBEL ERNST OSCAR) 5 April 1932 (1932-04-05) page 1, line 1 - page 3, line 13; claim 1; figures 1-9	1-3,9,11



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

Z document member of the same patent family

Date of the actual completion of the international search

1 June 2005

Date of mailing of the international search report

09/06/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Sterle, D

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2005/000869

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 3035427	A	22-05-1962	NONE	
US 3137150	A	16-06-1964	GB 996558 A	30-06-1965
WO 0204727	A	17-01-2002	US 6089045 A	18-07-2000
			WO 0204727 A1	17-01-2002
			AU 6081300 A	21-01-2002
			EP 1303657 A1	23-04-2003
			JP 2004502883 T	29-01-2004
			US 6170299 B1	09-01-2001
US 1852936	A	05-04-1932	NONE	